

Filter - has filter housing connected to the filter top by means of a releasable joint

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| Patent Family | | | | | | | |
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Abstract:

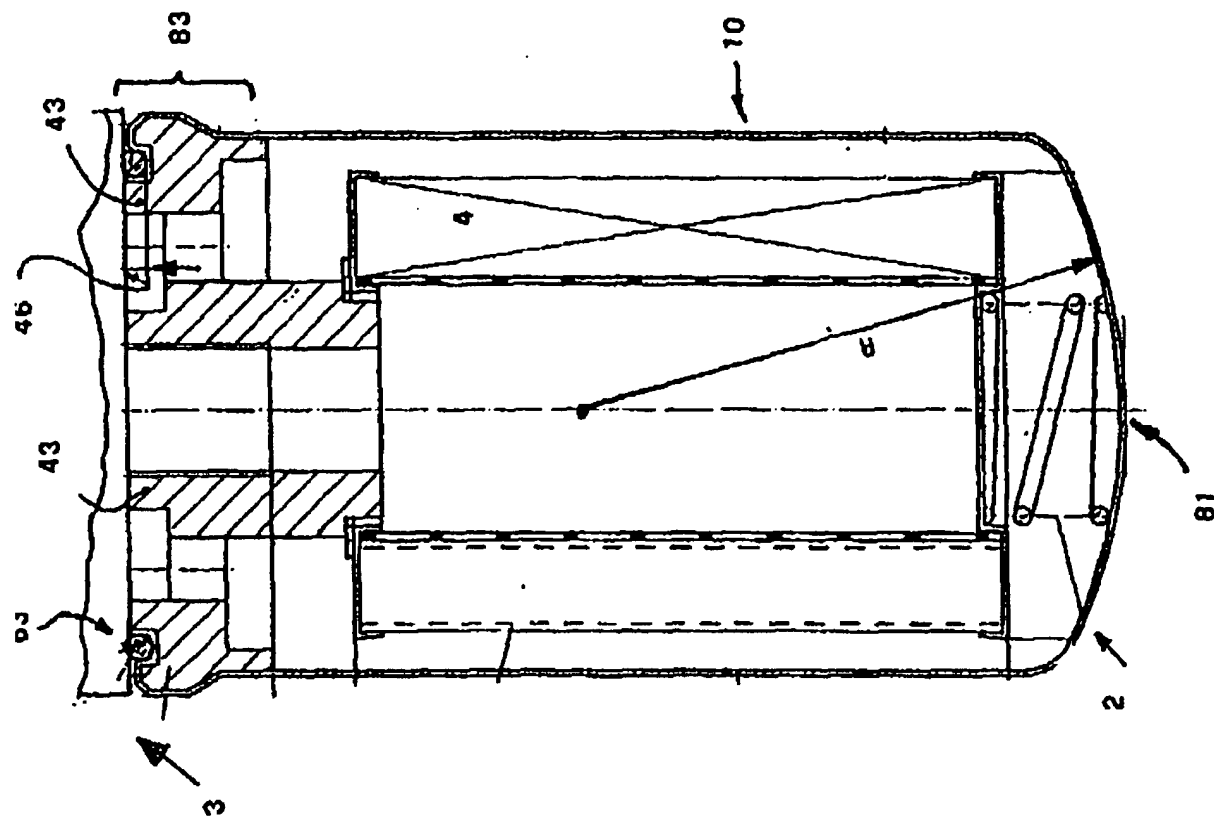
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The filter (2) with filter elements (4) has the following features: (a) the filter elements (4) are accommodated in a filter housing (10); (b) the filter housing is connected to a filter top (3) by means of a releasable joint; (c) a shape and/or force based locking element (83) is rigidly joined to or monolithically forms a part of the filter housing; (d) the housing flange (43) has a shaped top incorporating an annular groove; and (e) a sealing element is pressed into this groove by means of the filter top (3).

USE - For separation of solid particles from liquids.

ADVANTAGE - Reliable sealing is maintained between the filter housing and filter top even at momentary peak pressures. At the same time, there is firm connection between the top section of the filter housing and the housing flange connected to the filter top.

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